Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. 2011CIP1 Jorn Gorlach First Inventor Expressed sequences of arabidopsis thaliana

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No. ET327611358US

(Only for new nonprovisional applications under execution)	Assistant Commissioner for Patents
APPLICATION ELEMENTS	ADDRESS TO: Box Patent Application Washington, DC 20231
See MPEP chapter 600 concerning utility patent application contents. 1. X Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or
Applicant claims small entity status.	Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
2. See 37 CFR 1.27.	a X Computer Readable Form (CRF)
3 X Specification A preferred arrangement set forth below)	b. Specification Sequence Listing on:
- Descriptive title of the invention - Cross Reference to Related Applications	i. X CD-ROM or CD-R (2 copies); or
- Statement Regarding Fed sponsored R & B	i i. paper
or a computer program listing appendix	c. X Statements verifying identity of above copies
- Background of the Invention - Brief Summary of the Invention	ACCOMPANYING APPLICATION PARTS
- Brief Sufficiently of the Monatons - Brief Description of the Drawings (if filed) - Detailed Description	9. Assignment Papers (cover sheet & document(s))
- Claim(s)	37 CFR 3.73(b) Statement Power of Attorney
- Abstract of the Disclosure	Facilish Translation Document (if applicable)
4. Drawing(s) (35 U.S.C. 113) [Total Sheets]	Information Disclosure Copies of IDS
5. Oath or Declaration [Total Pages]	Statement (IDS)/P10-1449
5. Oath or Declaration [Total Pages] a. X Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d))	Poturn Receipt Postcard (MPEP 503)
a. Newly executed (original of 37 CFR 1.63 (d)) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	14. X (Should be specifically itemized)
EN DELETION OF INVENTOR(S)	Certified Copy of Priority Document(s) (if foreign priority is claimed)
Signed statement attached deleting inventor(s)	16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35
1.63(d)(2) and 1.33(b).	or its equivalent.
1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76	17. X Other: from parent app
10 If a CONTINUING APPLICATION, check appropriate box, and sup	ply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 57 67 7 7 7 9 Continuation in part (CIP)	of prior application No.: 09 , 638,258
Continuation Continuation	1631
APPS only: The entire disclosure of the	he prior application, from which an oath or declaration is supplied that the prior application and is hereby incorporated by reference.
Box 5b, is considered a part of the disclosure a portion has been inadve	ertently omitted from the submitted application participation
19. CORRESPOND	CHOCKSON SECTION
X Customer Number or Bar Code Label (Insert Customer No or Altach b	or Correspondence address below
Name	
Tomo	
Address	State Zip Code
City	State
	elephone Fax
	Registration No. (Attorney/Agent) 30,570
Name (Print/Type) Joseph Majka	Date August 7, 2001
Signature os // / April 18	Time will vary depending upon the needs of the individual case. Any comments

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

	PTO(SB/17 (12/99) OMB 0651-0032
	09/30/2000. OMB 065 MERCE
	Approved for use through 09/30/2000. OMB 0551-0032 Approved for use through 09/30/2000. OMB 0551-0032 OMB 0551-0032 OMB 0551-0032 OMB 0561-0032 OMB COMMERCE Fallent and Trademark Office: U.S. DEPARTMENT OF COMMERCE I Suppose of the control number. Complete if Known Complete if Known Application Number August 7, 2000 Filing Date Jorn Gorlach Filing Date Jorn Gorlach
	Trademark United it displays a second and Trademark United it displays a second in the
•	to a collection of information and the if Known
required to re-	Complete
of 1995, no persons are to	Number August 7, 2000
Penerwork Reduction ACT U.	Application August Gorlach
TRANSIII.	Filing Date First Named Inventor A. Marschel
	FIST
FEE TRAIN 2000 for FY 2000 for a gre subject to annual revision. for a gre subject to annual revision. for a gre subject to annual provision. for a gre subject to annual provision. for a gre subject to annual provision.	iger Name
patent fees are subject to an small entry PTO/SB/09-12	Group / Art Unit 2011CIP1
Patent fees are subject to annual revision. Patent fees are subje	Attorney Docket No. [201102] Attorney Docket No. [201102]
Patent fees are subject to annual revision: Patent fees are subject to annual revision: Patent fees are subject to annual revision: See 37 C.F.R. §§ 1.27 and 1.28. See 37 C.F.R. §§ 1.27 and 1.28. See 37 C.F.R. §§ 1.27 and 1.28.	
TOTAL AMOUNT OF PAYMENT (\$)1,0/0.00	EFES
TOTAL AMOUNT OF PAYMENT (check one) METHOD OF PAYMENT (check one) METHOD OF PAYMENT (check one) METHOD OF PAYMENT (check one)	3. ADDITIONAL FEES 1. Large Entity Small Entity Large Fee Code (5) 1. Large Fee Code (6) 1. Large Fee Code (7) 1. Large Fee Code (8) 1. Large Fee Code (9)
METHOD OF PAYMENT (check c.t.) METHOD OF PAYMENT (check c.t.) The Commissioner is hereby authorized to charge The Commissioner is hereby authorized to charge Ly indicated fees and credit any overpayments to:	Large Fee Code (5)
The Commissioner is field any overpaymon	
1.1A moior	
1 0005 To 0885	12/ English spot
	130 130 139 For filing a requestion of SIR phot is
h T Majka	147 2,520 147 2,520 Requesting publication of SIR after Examiner action Examiner Exa
Name JOSEPH 1. Account JOSEPH 1. Name Tyl Charge Any Additional Fee Required Tyl charge 37 CFR §§ 1.16 and 1.17	112 920* 112 SEE Examinating publication of the service of the ser
Name Charge Any Additional Fee Revul Under 37 CFR §§ 1.16 and 1.17	112 920 Requesting publicated 113 1,840 Requesting action 113 1,840 Requesting action Examiner action Extension for reply within second month Extension for reply within second month 2,000
A Unide.	215 of mitansion in third more
Payment Enter Mondy	on 216 190 Extension to the state fourth motion 0.001
2. Check Columnia	-0 21/ 400 -nion 101 107 - nonnu 1 1 11 101 1
Check CALCULATION FEE CALCULATION	- aco 210
TILING FEE	Paid 128 1,850 220 Notice of Approx of an approx
1. BASIC FILINO 1. BAS	
Fee Fee Code (\$) Code (\$) Code (\$) 201 345 Utility filing fee	120 300 220 Request to Request to 130 Petition to institute a public user 10.00
Code (5) 201 345 Utility IIIII fee	120 300 221 130 Petition to institute a property of the petition to revive - unavoidable Petition to revive - unavoidable 0.00 Petition to revive - unavoidable 0.00
101 002 206 155 Decision filing fee 106 310 207 240 Plant filing fee	121 238 1,510 138 1,510 Petition to revive - unintentional 0.00 Petition to revive - unintentional 0.00 Petition to revive - unintentional 0.00
106 310 207 240 Plaint	0.001 0.001
108 690 75 Provision	0.00 Design issue
a SIBIOIA	and 243 210 must issue teo
AIM FEES Fee from	Plaint of the Commissione Plaint of the Commissione 0.00 Plaint of the Commissione 0.00 Plaint of the Commissione 0.00 Plaint of the Commission applications of the Commission applications of the Commission of t
2. EXTRA CLAIM FELD below.	1 126 130 122 130 Petitions related to Disclosure Sum
201 4 180	1 17/11 NO 1 111/10 11
Total Claims 27 1-20 13 X 100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	123 240 126 240 Submission 126 240 126 240 Recording each patent assignment particles number of properties) 127 128 240 126 240 Submission 128 240 Subm
Independent Claims Dependent Multiple Dependent Authorite Dependent paid, if greater, For Reis	sues, 581 40 proper spiesion after in
i Mulapie	tion 246 345 Filing a submission to be 0.00
**or number previously Fee Descript Large Entity Small Entity Large Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe	146 690 249 345 For each additional invention (0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Fee (c) Code (and in excess)	
103 18 203 Independent of	daim, if not paid
102 78 202 co Multiple depond	ordent claims Other rec (3) I(\$) 0.00
104 260 200 Reissue in a	patent Other fee (specify) SUBTO
109 78 200 Reissue clair 109 18 210 9 Reissue clair 200 18 210 9 and over one	Other fee (specify) Other fee (specify) Other fee (specify) Subtotion Subtotion Subtotion Subtotion Complete (if applicable) Telephone 919-425-2999
410 18 210 and	Telephone (91) 1 7mm
SUBTOTAL (2)	(8) 300.0 August 7 00
	(Attorney/Agent)
v	aika
SUBMITTED BY Name (Print/Type) Joseph T. M	on this form provide credit card information and authorization on PTO-2038. On this form provide credit card information and authorization on PTO-2038. On this form provide credit card information and authorization on PTO-2038. On this form provide credit card information and authorization on PTO-2038. On this form provide credit card information officer, Patent and Trademark Office, and Complete provided information of Patents, Washington, DC 20231.
Name (Print/Type) JUS	Credit card intuition on Plots individual case. Any washington,
Signature WARNING:	become public and auding upon the needs of the property and Trademark Office. 20231.
Wakamo	this form " credit Care " will vary dependence patents, Washing

included on this form. Provide credit card information and authorization on PTO-2038.

Any comments on authorization on PTO-2038.

Any comments on the individual case. Any comments on the individual case. Any comments on the individual case. Time will vary depending upon the needs of the individual case. Time will vary depending upon the needs of the individual case. Time will vary depending upon the needs of the individual case. Time will vary depending upon the needs of the individual case. Time will vary depending upon the needs of the individual case. Time will vary depending upon the needs of the individual case. Time will vary depending upon the needs of the individual case. Time will vary depending upon the needs of the individual case. Any comments on the individual case. Time will vary depending upon the needs of the individual case. Any comments on the individual case. Any comments of the individual case. Any comments of the individual case. Any comments on the individual case. Any comments of the individual case. Any com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gorlach, Jorn

Application No.: TBA

Group No.: TBA

Filed: 08/07/2000

Hart Abe Marth

Ŋ

===

li

: []

M

[]

٠, إ

Examiner: TBA

For: Expressed sequences of arabidopsis thaliana

Commissioner for Patents Washington, D.C. 20231

SUBMISSION OF "SEQUENCE LISTING," COMPUTER READABLE COPY, AND/OR AMENDMENT PERTAINING THERETO FOR BIOTECHNOLOGY INVENTION CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE

CERTIFICATION UNDER 37 C.F.R. sections 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory; Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

37 C.F.R. section 1.8(a)

37 C.F.R. section 1.10*

with sufficient postage as first class mail.

as "Express Mail Post Office to Address"

Mailing Label No. ET327611358US(mandatory)

TRANSMISSION

☐ transmitted by facsimile to the Patent and Trademark Office.

Date: 8/7/01

Signature (

(type or print name of person certifying)

*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. section 1.10(b).

"Since the filing of correspondence under [section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Submission-Nucleotide and/or Amino Acid Sequence--page 1 of 7)